



1FW/2825

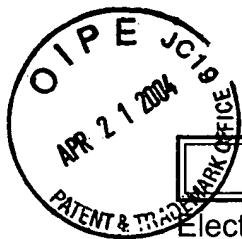
Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 59434  
Application ID: 10066187  
Title of Invention: Method and apparatus for  
routing a set of nets  
First Named Inventor: Steven Teig  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2002-01-31  
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Statement  
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Attorney Docket Number: SPLX.P0133




Total Fees Authorized:

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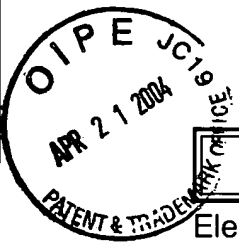


TRANSMITTAL

Electronic Version v1.1  
Stylesheet Version v1.1.0

| Title of<br>Invention  | Method and apparatus for routing a set of nets |                |                           |             |                |   |              |            |  |            |
|--|--|----------------|---------------------------|-------------|----------------|---|--------------|------------|--|------------|
| Application Number: 10/066187    |  |                |                           |             |                |   |              |            |  |            |
| Date: 2002-01-31   |  |                |                           |             |                |   |              |            |  |            |
| First Named Applicant: Steven  |  |                |                           |             |                |   |              |            |  |            |
| Confirmation Number: 5277  |  |                |                           |             |                |   |              |            |  |            |
| Attorney Docket Number: SPLX.P0133   |  |                |                           |             |                |   |              |            |  |            |
| <p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> |  |                |                           |             |                |   |              |            |  |            |
| <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Mani Adeli<br/>Registered Number: 39,585</td><td>/Mani Adeli/</td><td>Attorney</td></tr></tbody></table>   |  |                | Submitted by:             | Elec. Sign. | Sign. Capacity | Mani Adeli<br>Registered Number: 39,585 | /Mani Adeli/ | Attorney   |  |            |
| Submitted by:  | Elec. Sign.                                    | Sign. Capacity |                           |             |                |   |              |            |  |            |
| Mani Adeli<br>Registered Number: 39,585  | /Mani Adeli/                                   | Attorney       |                           |             |                |   |              |            |  |            |
| <table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>SPLX.P0133b-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>  |  |                | Documents being submitted | Files       | us-ids         | SPLX.P0133b-usidst.xml                  |              | us-ids.dtd |  | us-ids.xsl |
| Documents being submitted  | Files  |                |                           |             |                |   |              |            |  |            |
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|  | us-ids.dtd                                     |                |                           |             |                |   |              |            |  |            |
|  | us-ids.xsl                                     |                |                           |             |                |   |              |            |  |            |
| <p>Comments</p> <p>This Information Disclosure Statement is submitted after receipt of a first Office Action</p>   |  |                |                           |             |                |   |              |            |  |            |


on the merits but before the Final Office Action. Accordingly, a fee is required. However, Applicants note that on this day, April 21, 2004, Applicants have previously submitted another IDS in electronic form and paid the requisite fee, Therefore, Applicants submit that no fee is required for the present Information Disclosure Statement.



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

| Title of Invention   | Method and apparatus for routing a set of nets |            |            |                   |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |               |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                |    |  |  |
|--|--|------------|------------|-------------------|------|-------|----------|------|----------|------------|------|----------|------|-------|----------|--|---|---------|------------|-------------------|--|--|--|--|---|---------|------------|-------|--|--|--|--|---|---------|------------|-------------------|----|--|--|--|---|---------|------------|----------------|----|--|--|--|---|---------|------------|----------------|----|--|--|--|---|---------|------------|-------------------|----|--|--|--|---|---------|------------|-------------------|----|--|--|--|---|---------|------------|----------------|----|--|--|--|---|---------|------------|---------------|----|--|--|--|----|---------|------------|-------------------|----|--|--|--|----|---------|------------|-------------------|----|--|--|--|----|---------|------------|----------------|----|--|--|
| <p>Application Number: 10/066187 </p> <p>Confirmation Number: 5277</p> <p>First Named Applicant: Steven Teig</p> <p>Attorney Docket Number: SPLX.P0133</p> <p>Art Unit: 2825</p> <p>Examiner: Binh C. Tat</p> <p>Search string: ( 6155725 or 6166441 or 6175950 or 6209123 or 6216252 or 6230306 or 6247167 or 6253363 or 6260179 or 6289495 or 6292929 or 6301686 or 6324674 or 6327693 or 6327694 or 6330707 or 6378121 or 6385758 or 6401234 or 6405358 or 6407434 or 6412097 or 6412102 or 6463575 or 6473891 or 6519751 or 6526555 or 6543043 or 6557145 or 6567967 or 6586281 or 6665852 ).pn.</p> <p><b>US Patent Documents</b></p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>6155725</td><td>2000-12-05</td><td>Scepanovic et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>6166441</td><td>2000-12-26</td><td>Geryk</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>6175950</td><td>2001-01-16</td><td>Scepanovic et al.</td><td>B1</td><td></td><td></td></tr><tr><td></td><td>4</td><td>6209123</td><td>2001-03-27</td><td>Maziasz et al.</td><td>B1</td><td></td><td></td></tr><tr><td></td><td>5</td><td>6216252</td><td>2001-04-10</td><td>Dangelo et al.</td><td>B1</td><td></td><td></td></tr><tr><td></td><td>6</td><td>6230306</td><td>2001-05-08</td><td>Raspopovic et al.</td><td>B1</td><td></td><td></td></tr><tr><td></td><td>7</td><td>6247167</td><td>2001-06-12</td><td>Raspopovic et al.</td><td>B1</td><td></td><td></td></tr><tr><td></td><td>8</td><td>6253363</td><td>2001-06-26</td><td>Gasarov et al.</td><td>B1</td><td></td><td></td></tr><tr><td></td><td>9</td><td>6260179</td><td>2001-07-10</td><td>Ohsawa et al.</td><td>B1</td><td></td><td></td></tr><tr><td></td><td>10</td><td>6289495</td><td>2001-09-11</td><td>Raspopovic et al.</td><td>B1</td><td></td><td></td></tr><tr><td></td><td>11</td><td>6292929</td><td>2001-09-18</td><td>Scepanovic et al.</td><td>B2</td><td></td><td></td></tr><tr><td></td><td>12</td><td>6301686</td><td>2001-10-09</td><td>Kikuchi et al.</td><td>B1</td><td></td><td></td></tr></tbody></table> |  |            |            |                   |      |       |          | init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |  | 1 | 6155725 | 2000-12-05 | Scepanovic et al. |  |  |  |  | 2 | 6166441 | 2000-12-26 | Geryk |  |  |  |  | 3 | 6175950 | 2001-01-16 | Scepanovic et al. | B1 |  |  |  | 4 | 6209123 | 2001-03-27 | Maziasz et al. | B1 |  |  |  | 5 | 6216252 | 2001-04-10 | Dangelo et al. | B1 |  |  |  | 6 | 6230306 | 2001-05-08 | Raspopovic et al. | B1 |  |  |  | 7 | 6247167 | 2001-06-12 | Raspopovic et al. | B1 |  |  |  | 8 | 6253363 | 2001-06-26 | Gasarov et al. | B1 |  |  |  | 9 | 6260179 | 2001-07-10 | Ohsawa et al. | B1 |  |  |  | 10 | 6289495 | 2001-09-11 | Raspopovic et al. | B1 |  |  |  | 11 | 6292929 | 2001-09-18 | Scepanovic et al. | B2 |  |  |  | 12 | 6301686 | 2001-10-09 | Kikuchi et al. | B1 |  |  |
| init   | Cite.No.                                       | Patent No. | Date       | Patentee          | Kind | Class | Subclass |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |               |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                |    |  |  |
|  | 1  | 6155725    | 2000-12-05 | Scepanovic et al. |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |               |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                |    |  |  |
|  | 2  | 6166441    | 2000-12-26 | Geryk             |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |               |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                |    |  |  |
|  | 3  | 6175950    | 2001-01-16 | Scepanovic et al. | B1   |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |               |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                |    |  |  |
|  | 4  | 6209123    | 2001-03-27 | Maziasz et al.    | B1   |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |               |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                |    |  |  |
|  | 5  | 6216252    | 2001-04-10 | Dangelo et al.    | B1   |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |               |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                |    |  |  |
|  | 6  | 6230306    | 2001-05-08 | Raspopovic et al. | B1   |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |               |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                |    |  |  |
|  | 7  | 6247167    | 2001-06-12 | Raspopovic et al. | B1   |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |               |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                |    |  |  |
|  | 8  | 6253363    | 2001-06-26 | Gasarov et al.    | B1   |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |               |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                |    |  |  |
|  | 9  | 6260179    | 2001-07-10 | Ohsawa et al.     | B1   |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |               |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                |    |  |  |
|  | 10   | 6289495    | 2001-09-11 | Raspopovic et al. | B1   |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |               |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                |    |  |  |
|  | 11   | 6292929    | 2001-09-18 | Scepanovic et al. | B2   |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |               |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                |    |  |  |
|  | 12   | 6301686    | 2001-10-09 | Kikuchi et al.    | B1   |       |          |      |          |            |      |          |      |       |          |  |   |         |            |                   |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                   |    |  |  |  |   |         |            |                |    |  |  |  |   |         |            |               |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                   |    |  |  |  |    |         |            |                |    |  |  |

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|  | 13 | 6324674 | 2001-11-27 | Andreev et al.    | B2 |
|  | 14 | 6327693 | 2001-12-04 | Cheng et al.      | B1 |
|  | 15 | 6327694 | 2001-12-04 | Kanazawa          | B1 |
|  | 16 | 6330707 | 2001-12-11 | Shinomiya et al.  | B1 |
|  | 17 | 6378121 | 2002-04-23 | Hiraga            | B2 |
|  | 18 | 6385758 | 2002-05-07 | Kikuchi et al.    | B1 |
|  | 19 | 6401234 | 2002-06-04 | Alpert et al.     | B1 |
|  | 20 | 6405358 | 2002-06-11 | Nuber             | B1 |
|  | 21 | 6407434 | 2002-06-18 | Rostoker et al.   | B1 |
|  | 22 | 6412097 | 2002-06-25 | Kikuchi et al.    | B1 |
|  | 23 | 6412102 | 2002-06-25 | Andreev et al.    | B1 |
|  | 24 | 6463575 | 2002-10-08 | Takahashi         | B1 |
|  | 25 | 6473891 | 2002-10-29 | Shively           | B1 |
|  | 26 | 6519751 | 2003-02-11 | Sriram et al.     | B2 |
|  | 27 | 6526555 | 2003-02-25 | Teig et al.       | B1 |
|  | 28 | 6543043 | 2003-04-01 | Wang et al.       | B1 |
|  | 29 | 6557145 | 2003-04-29 | Boyle et al.      | B2 |
|  | 30 | 6567967 | 2003-05-20 | Greidinger et al. | B2 |
|  | 31 | 6586281 | 2003-07-01 | Gabara et al.     | B1 |
|  | 32 | 6665852 | 2003-12-16 | Xing et al.       | B2 |

Signature

|               |      |
|---------------|------|
| Examiner Name | Date |
|               |      |